Raphael Khaykin

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EDUCATION

Stony Brook University — Stony Brook, NY
Bachelor of Science in Information Systems — *Aug. 2019 – Expected May 2023*
Specialization in Financial Information Systems

GPA: 3.61

Dean's List: Fall 2019, Spring 2020, Fall 2020, Spring 2021

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Computer Networks, Database Design, Computer Security, Discrete Mathematics

LaGuardia High School — Manhattan, NY
Fine arts major — *Sep. 2015 – June 2019*
GPA: 4.0

EXPERIENCE

Software Engineer Intern — Jun. 2022 – Present
TikTok — *New York City, NY*
- Refactored core components for ORM framework in Golang

Front-End Developer — Sep. 2021 – Dec. 2021
IvyScope — *New York City, NY*
- Currently working for a startup that allows students to schedule and host college tours online
- Developed the company's website user interface using React and Material UI

PROJECTS

Stock Portfolio Visualizer | *JavaScript, D3.js, HTML, CSS*
- Developed a website application to create and backtest stock portfolios.
- Users can customize a portfolio and chart its historical performance.
- This tool provides key performance statistics such as historical return, max drawdown, and percent allocation.

Stock Data GUI for TD Ameritrade | *Python*
- Built a graphical user interface to display live stock data.
- Utilizes TD Ameritrade's API to stream level one data and asynchronously update the GUI.

Computer Networks DNS Resolver | *Python*
- Created a python software that emulates DNS query resolution.

Organ Donor Matching System | *Java*
- Wrote a command line interface for matching organ donors with potential transplant recipients. Donors and recipients are matched based on compatible blood types.

TECHNICAL SKILLS

Languages: Go, Java, Python, JavaScript, SQL, bash
Frameworks/Technologies: React, React Native, AWS, Git, Jenkins

ADDITIONAL INFORMATION

AWS Certified Cloud Practitioner